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INFORMATION REPORT INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

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S-E-C-R-E-T

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COUNTRY	Bulgaria	REPORT	
SUBJECT	A List of Products Manufactured by the Bulgarian Medical Industry	DATE DISTR.	15 February 1960
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SOURCE EVALUATIONS ARE DEFINITIVE. APPRAISAL OF CONTENT IS TENTATIVE.

report is a list of
products, (classified by pharmacological effect and medicinal application,
which are manufactured by the Bulgarian medical industry.

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STATE	X	ARMY	X	NAVY	X	AIR	X	NSA	X	FBI						
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1. Basic pharmaceutical products, Galenic products for prescription practice, dry nutrient products for microbiological purposes, dentistry preparations and first-aid materials are manufactured under the management of the so-called DIRECTION OF MEDICAL INDUSTRY (Upravlenie Meditsinska Promishlenost) which is subordinated to the Ministry of Public Health and Social Welfare. The primary purpose of said Medical Industry is to supply the local need for medicines. However, a good part of the entire output is shipped abroad by the state commercial enterprise "KHIMIMPORT" and at times these shipments are so large that a considerable number of the products listed below are not available on the local market. The USSR, Korea, China and other Asiatic countries are believed to be regular recipients of Bulgarian-made medical products.

2. Classified by pharmacological effect and medicinal application, the products manufactured by the Bulgarian Medical Industry are as follows:

ANALEPTICA:

Adrenalinum hydrochloricum	Oxytition
Coffeinum natrio-benzoicum	Ephedrinum hydrochloricum
Cola granulatum	Oleum camphratum
Corazol, Corazol-Ephedrin	Strychnum natrium sulfuricum
*Cordiamin	Vasoten (Sympatal)

ANALGETICA:

Amidophen	Morphinum hydrochloricum +
	Atropinum sulfuricum
Analgin	*Noveplex
Codeinum phosphoricum et purum	Campon
Dihydromorphinum	Procain
Dicodal (Dicodid)	Scophedal
Dielan (dionin)	Scophedrin
Lidolum	Vitamin B'
Morphinum hydrochloricum	

ANTACIDA:

Alumoxyl	Histidin
Alumoxyl cum Belladonna	Magnesium peroxidum
Carbo activatus	Natrium Bicarbonicum

ANTISPASMODICA:

Adrenalinum hydrochloricum	Papaverinum hydrochloricum
*Atheron	Scopolaminum hydrobromicum
Atropium sulfuricum	

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ANTIEMETICA:

Antianaemin	*Etopogastrol
Arsenoferratal	Fedferratal
Biohaemoferrin	Natrium kakodilicum
Elixir tonicum	Strychnarsin
Extr. Hepatis	Strychnophospharsin
Extr. Hepatis compositum	Vinum chinase ferratum
*Ferrasin	Vinum iodotannicum cum Malaga
Ferhepar	

ANTIARTHRITICA:

*Aciphen	Aciphenyl
Piperasin	Uridan

ANTIDIARRHOICA:

Albuminum tannicum	Calcium gluconicum
Bismutalbumin	Carbo activatus
Calcium lacticum	Sulfaguanidin

ANTIMALARICA:

Chininum hydrobromicum	Natrium monomethylarsenicum (Arrhenal)
Chininum hydrochloricum	Chininum sulfuricum

ANTINEURALGICA ET ANTIRHEUMATICA:

Acetysal	Lait sterilis
*Acifemil + Acifen	Natr. salicylicum et natr. bicarbonicum
ACTH	Natr. salicylicum
Amidophen	*Pyramin
Amalgin	Pyraminal
Ascephen	Pyraphen
*Asphen	Terpichinol
Coffenal	Veriden (Veramon)
Diploval	"vitamin B"
Helijoun	

ANTIPYRETICA:

Acetysal	Ataphen
Amidophen	Amalgin
Ascephen + Asphen	Chinin-calcium gluconat
Chinin hydrobromicum, etc.	Coffenal
Coraxolamin	Pyraphen

ANTISEPTICA: (Throat & Nasal passages)

Desinfestin	Paraformin
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ANTISEPTICA: (Gall Bladder passages)

Antibiotica	Hexadon
Cholestin	Hexamin (Uretropin)
Hexacitrol	Sulfonamida

ANTISEPTICA: (Urinary passages)

Antibiotica	Salitropin
Hexacitrol	Uretropin
Hexadon	Sulfonamida

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ANTIHYPEROTOXICA:Bijodthyrosin
Vitamin AVitamin B¹
Vitamin C

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CARDIOTONICA:Adinorn
Coffeium natrio-benzoicum
Corazol
DiginornGlucosa
Novphyllin
Strophantin G et KCHEMOTHERAPEUTICA - SULFONAMIDA
et ANTIBIOTICA:Biomyoin
Emetinum hydrochloricum
Penicillinum G Kalium cryst.
*Procillin
Sulfathiazol
Sulfaguanidin
UltraseptylBLOOD REPLACEMENTS:

Natrium chloratum

DIURETICA:Calcium chloratum
Calcium-theobrosal
Coffeium natrio-benzoicum
Glucosa
Iod-Calcium-Theobrosal
Novphyllin
TheobrosalPHARMACOTHERAPY - APNOEA & DISPNŌEA:Coffeium natrio-benzoicum
Corazol, Corazol-Dicodal
Corazol-Ephedrin, Cardiamin
Phosphoratum
Oxytin
Dicodal
Dihydromorphinum (Dilamid)PHARMACOTHERAPY - ASTHMATIC BREATHING:Adrenalinum hydrochloricum
Antiasthmin
Asthma cigarettes
Asthmophysin
Atropina sulfuricum
Ephedrinum hydrochloricum
Morphinum hydrochloricum
Novphyllin
Papaverinum hydrochloricum
Sympatol (Vasoton)EXPECTORANTIAAntibiotica
Codeinum phosphoricum et
Lutax
Eoditerpin
Corazol-Dicodal
Dicodal
Dihydromorphinum (Dilamid)
Diolan
Ephedrinum hydrochloricum
Kresilol
Papaverinum hydrochloricum
Pertusol, Pulvis primulae opiatas
Sirasol
Sulfonamida
TussiolHAEMOSTATICA:Adrenalinum hydrochloricum
Calcium chloratum
Calcium gluconicum
*Corazol
Ergotin
Extr. gland. Parathyroideae
Natrium Citricum
Rutascorbin
Stypticin
Vitamin C
Vitamin K
Extr. Hepatis

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HORMONA ET ORGANOTHERAPEUTICA:

ACTH	*Epagastrat	
Adrenalinum hydrochloricum	Hyalurin	
Antianemina	Insulin	50X1-HUM
Bichaeoferrin	*Lipocain	
Certin	Ovarin siccata	
*Extr. gland. Parathyroidal	*Pithecum	
*Extr. gland. Thyroidal	*Pituitrinum siccum	
Extr. Hepatis	Progyval	
Extr. Hepatis compositum	Prelactin	
Glandeklin	Testin	
*Glandula Mammaria Siccata		

HYPOURICA:

Adalin	Barbital (Veronal)
*Bromisoval	Phenobarbital

BARBITURICA:

Dihydromorphinum	Phenobarbital-natrium
Scophadrin	

OSTEOPLASTICA:

Calcium C	Calcium D
Calcium glucanicum	Vitamin D

SEDATIVA:

Barbital	Bellergamin
Bellonal	Bromural
Calcium bromatum	Calcium-Brom-Isotachinon
Magnesium sulfuricum	Natrium bromatum
Phenobarbital-natrium	Sal bromatum
	Vitamin B'

SPASMLYTICA ET ANESTHETICA:

Amidophen	Diclen
Analgin	*Euphramin
Atropinum sulfuricum	Morphinum hydrochloricum
*Bellarthesin	Campan
Calcium glucanicum	Papaverinum hydrochloricum

VASODILATORICA:

Acidum nicotinicum	*Calcilin
Atropinum sulfuricum	*Calcilidin
Bellonal	Naotum
Calcium-thiosuccinat	*Vitalinin
Natrium nitratum	Yohimbine
Thiolevaran	Papaverinum hydrochloricum

3. The above list has a "restricted" classification and is made available only to the Managers of Pharmacies. It is submitted because from a medicinal point of view it contains a number of apparent discrepancies and also because it illustrates clearly how poor and inadequate is the production of the Medical Industry in Bulgaria. The items marked with an asterisk are either rarely or not at all available to the public.

4. Of the products listed under SPASMLYTICA ET ANESTHETICA the following are believed deserving of greater attention:

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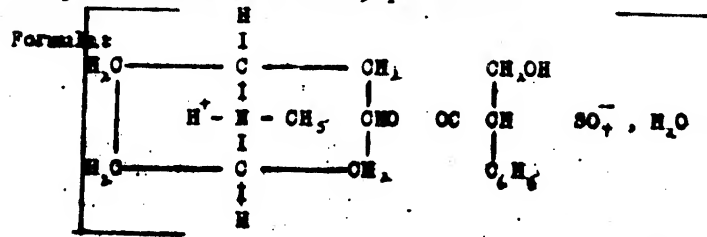
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(a) Atropinum Sulfuricum:

Atropinum sulfuricum solution (see solutio atropini sulfurici) 0.05% and 0.1% in ampules of 1 milligram.

Atropinum sulfuricum - 0.0005 per tablet.



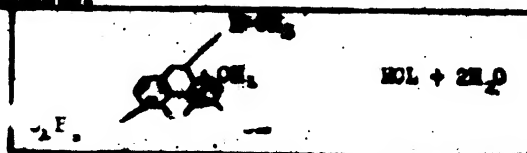
Atropine is available but in very limited quantities (to the public). Pharmacies are permitted to sell only three (3) ampules per prescription. If Atropine is included in the composition of a medicine and if the prescription needs to be refilled, the pharmacies require special authentication by the MD on each occasion.

The production (manufacture) of atropine is considerable but the bulk of the output goes to the Ministry of National Defense because atropine is an antidote to phosphorus-organic matters (warfare gases). The medical department of the MND has at its disposal considerable quantities of atropine in one (1) milligram ampules for injections. The problem of training the men in the armed forces in self-administration of injections is under consideration but such training is not in effect yet.

- (b) Anesthesin Composition: Extractum Belladonnae 0.01, Scopolamin hydrochloricum 0.02, Anesthesinum 0.30 and Butyrum cacao 1 gr. - in suppositories.

- (c) Diolan (Dionin) Acetylscopolaminum hydrochloricum 0.01 and 0.05 - in tablets.

Formula:



Diolan is "booster" Codein and has all the properties of Scopolamin. It is a sedative for impaired breathing, gasping, coughing and pain.

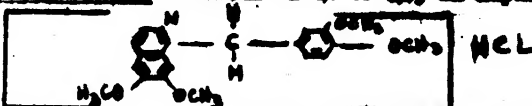
Composition: Eupaverinum 0.05, Atropinum sulfuricum 0.0001, Luminalum 0.0075, Amidophenolum 0.075 - in suppositories for infant.

Eupaverinum 0.025, Atropinum sulfuricum 0.0002, Luminalum 0.035, Amidophenolum 0.15 - in tablets.

The product combines the synergistic activities of Eupaverin (sic) and Atropine - a good spasmolytic with indications in all spastic conditions of the flat muscles;

- (e) Papaverinum hydrochloricum Solution in 1% or 2% in ampules of 1 milligram.

Formula:



Papaverine is an alkaloid of the isquinoline group of opium. It has a specific effect on the flat muscles.

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